



STATE OF MINNESOTA
OFFICE OF THE ATTORNEY GENERAL

ADDRESS REPLY TO:
OFFICE OF THE ATTORNEY GENERAL
MINNESOTA POLLUTION CONTROL AGENCY
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ROSEVILLE, MINNESOTA 55113
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November 18, 1980

Melanie Toepfer
Environmental Protection Agency
Region V
230 Dearborn
Chicago, Illinois 60604

Re: United States v. Reilly Tar & Chemical Corporation
Court File No. Civ. 4-80-469

USGS Documents produced for ERT in April, 1980

Dear Melanie:

After last Friday's meeting with the USGS, I asked Marc Hult to summarize the documents that he had provided us to copy for ERT. Today I reviewed our paper file for the documents produced for ERT. All the documents in the file have been micro-filmed and returned except for certain oversized documents. (I expect that we would be able to send you the complete microfiche within two to three weeks.)

From Marc's comments and my quick tour of the paper file, I can give you the following summary of what was produced:

Inorganic and organic analyses done through June, 1979. Marc says these are primarily of samples from the drift and the Platteville.

Hydrographs showing water levels in approximately 60 wells.

Geophysical logs of wells.

The USGS contract with H.O. Pfannkuch.

A draft of Pfannkuch's "Contamination of ground water by coal-tar derivatives, St. Louis Park Area, Minnesota--conceptual basis, methodology, and results of physical laboratory models."

The Barr Report.

007214

A report (apparently USGS) by Janet Y. Smith on "Results of grain size analysis in St. Louis Park wells" (June 3, 1979).

USEPA Region VII, Report of Investigation, groundwater contamination abatement activities, Kerr McGee Chemical Company, Springfield, Missouri (November 22, 1977).

The 1974 Minnesota Department of Health Report on phenols in St. Louis Park wells.

A report for the US Geological Survey by INTERA Environmental Consultants Inc. entitled "Revision of the Documentation for a model for calculating effects of a liquid waste disposal in deep saline aquifers".

US Geological Survey open-file report, 76-591
"Documentation of finite-difference model for simulation of 3-directional ground water flow".

R.G. Borman, US Geological Survey, "Ground-water, hydrology and geology near the July 1974 phenol spill at Lake Beulah, Walworth County, Wisconsin" (1975).

PC Trustcott G.F. Pinder, S.P. Larson, (USGS),
"Finite-difference model for aquifer simulation in 2 dimensions with results of numerical experiments" (1976).

Mary Jo Badecker and William Back, "Hydrogeological Processes and Chemical Reactions at a Landfill," Groundwater, Volume 17, Number 5 (Sept-Oct, 1979)

John D. Bredehoeft, "Status of Quantitative Groundwater Hydrology," Advances in Groundwater Hydrology, American Water Resources Association, 1976.

Earl L. Kuehnert, Donald G. Baker and John W. Enk (Agricultural Experiment Station, University of Minnesota), "Climate of Minnesota: Part VIII Precipitation patterns in the Minneapolis-St. Paul metropolitan area and surrounding counties".

Robert W. Stollman, (U.S. Geological Survey) "Multiphase fluids in porous media, a review of the theories pertinent to hydrologic studies" (1964).

R.F. Norvisth, T.G. Rollins, Alex Brietkreitz, (USGS)
Water Resources Outlook for the Minneapolis-St. Paul
Metropolitan Area, Minnesota.

If you need copies of any of these materials before we
can get the microfiche out in December, please let me know and we
will send you a xerox.

Very truly yours,



STEVE SHAKMAN
Special Assistant
Attorney General

SS:jb

cc: Rick Ferguson

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